

# Government Industry Data Exchange Program

## GIDEP in *Transition*



GIDEP Operations Center



# GIDEP Mission

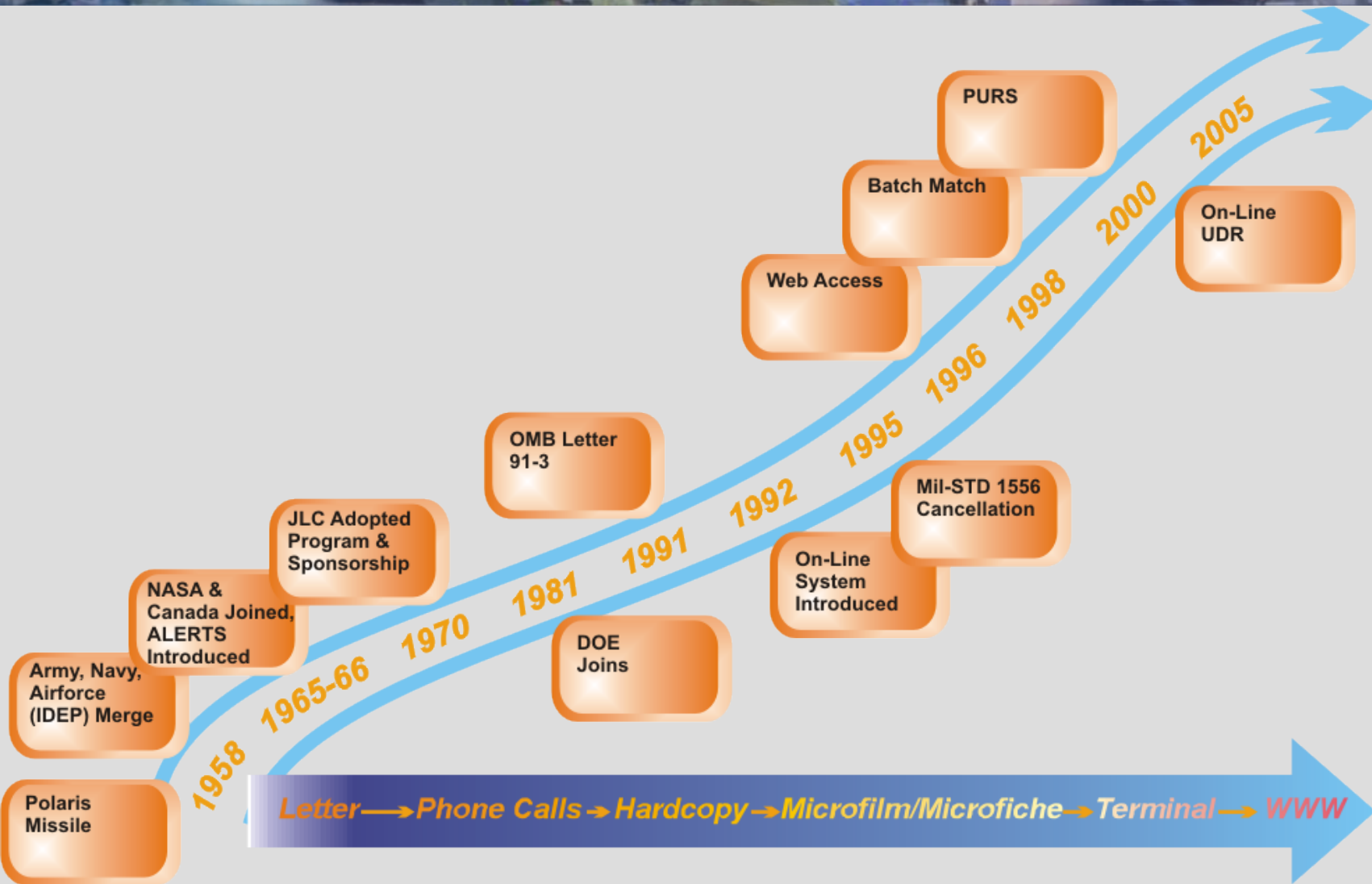


- Foster technical information sharing among Government agencies and Industry partners to:
  - **Increase** systems' safety, reliability, and readiness
  - **Reduce** systems' development, production, and ownership costs



# Government-Industry Data Exchange Program

# GIDEP Evolution





# OMB POLICY LETTER 91-

## 3

- TO THE HEADS OF EXECUTIVE AGENCIES AND ESTABLISHMENTS

- SUBJECT: Reporting Nonconforming Products

- Purpose. This Policy Letter establishes policies and procedures for using a Government-wide system for exchanging information among agencies about nonconforming products and materials.

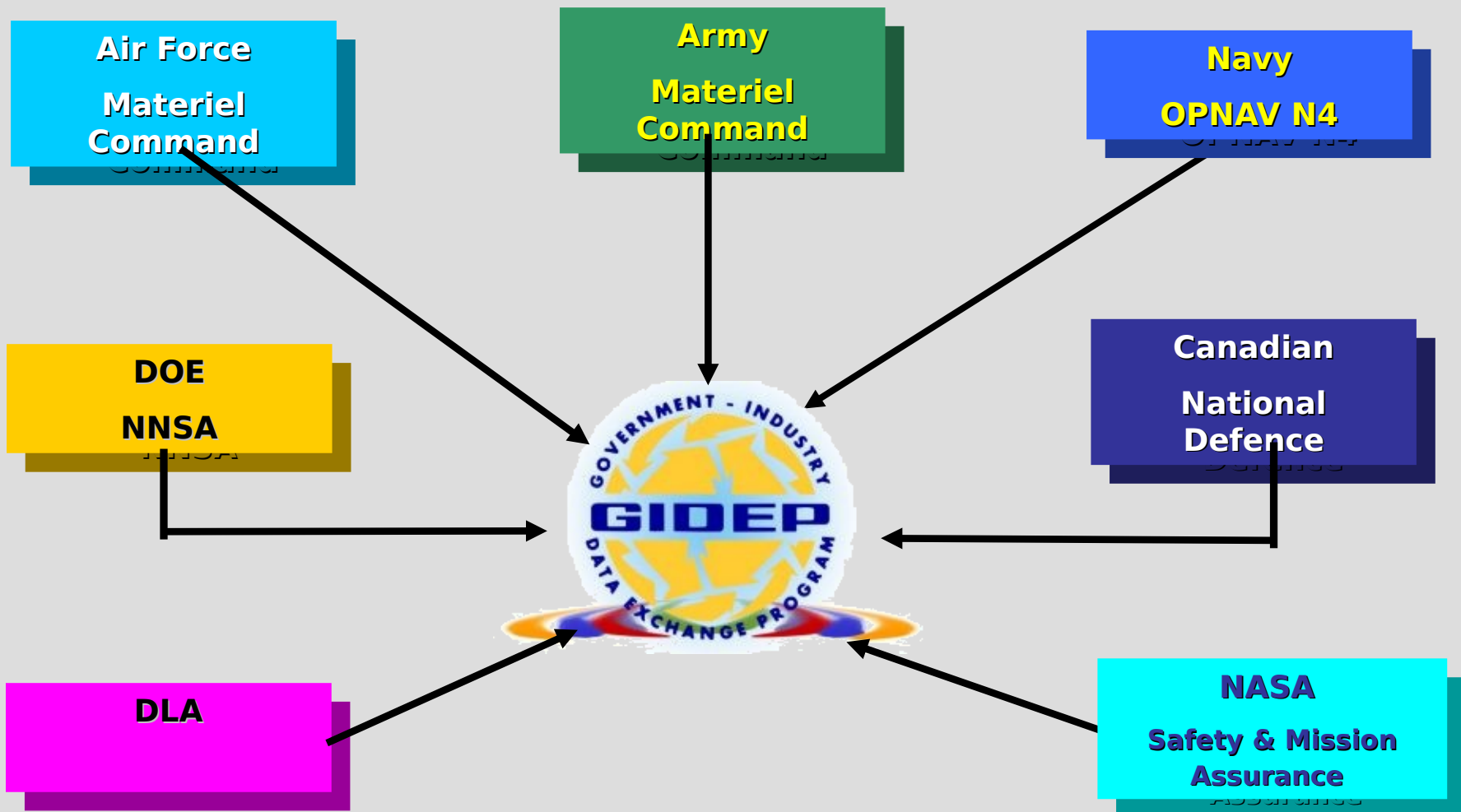
Individual agencies or their contractors acquire products and materials previously identified as nonconforming by other agencies.

- The existing **Government/Industry Data Exchange Program (GIDEP)** operated by the Department of Defense will serve as the central data base for receiving and disseminating information about such products.

participating within 60 days of the date of this Policy Letter. Agencies are required to participate only in the "Failure Experience" data interchange. Participation in the other GIDEP data bases is elective and shall be determined by each agency. An application for GIDEP participation is attached (Attachment 1). The application shall be completed and mailed to the GIDEP Operations Center, Corona, California 91720-5000. The operations Center will provide additional information to each agency applicant about using GIDEP.

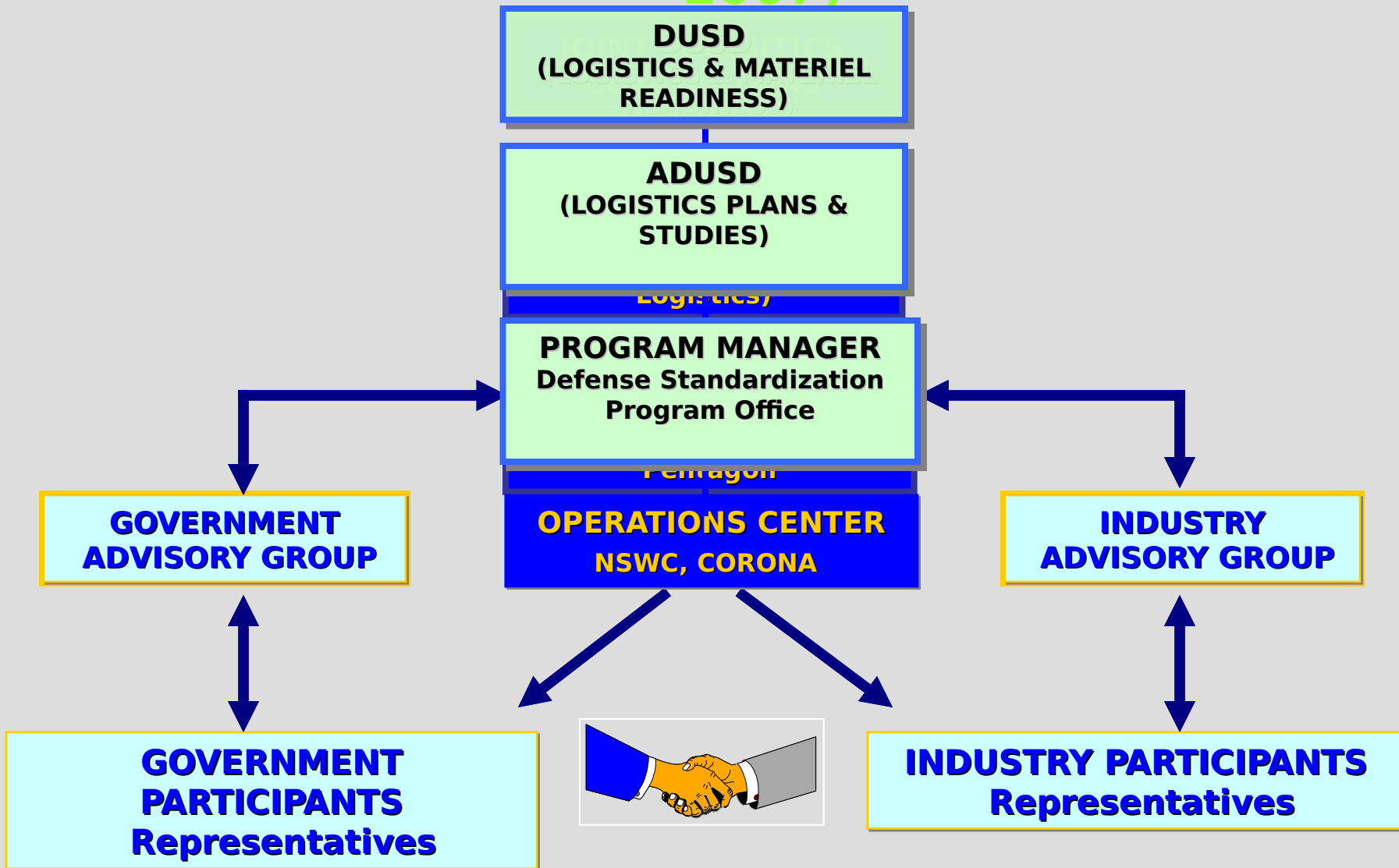


# Funding Sponsors





# Organization transition (Mid 2007)





# Participants

## Government Activities

### 370

- Dept. of Transportation - FAA
- Dept. of Justice
- U.S. Coast Guard
- Architect of the Capitol
- Naval Research Lab
- National Security Agency
- Nat'l Institute of Standards and Tech.
- Department of Commerce
- Consumer Product & Safety
- Comm'sn
- Missile Defense Agency
- Dep't of Agriculture
- Bay Area Rapid Transit (BART)

## Total Organizations

### 2248

## Industry Companies

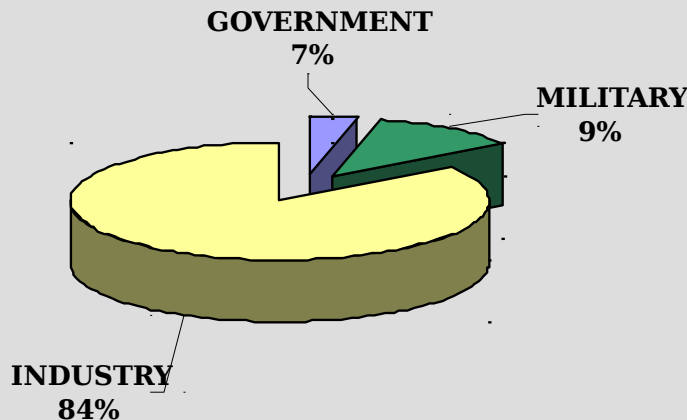
### 1878

- Lockheed Martin
- General Dynamics
- Northrop Grumman
- BAE Systems Inc.
- University of California, Berkley
- SAIC
- Computer Sciences Corp.
- Wyeth Pharmaceuticals
- Raytheon
- Arizona State University
- L-3 Communications
- United Space Alliance

## Total Users

### 6548

### PARTICIPANTS BY CATEGORY





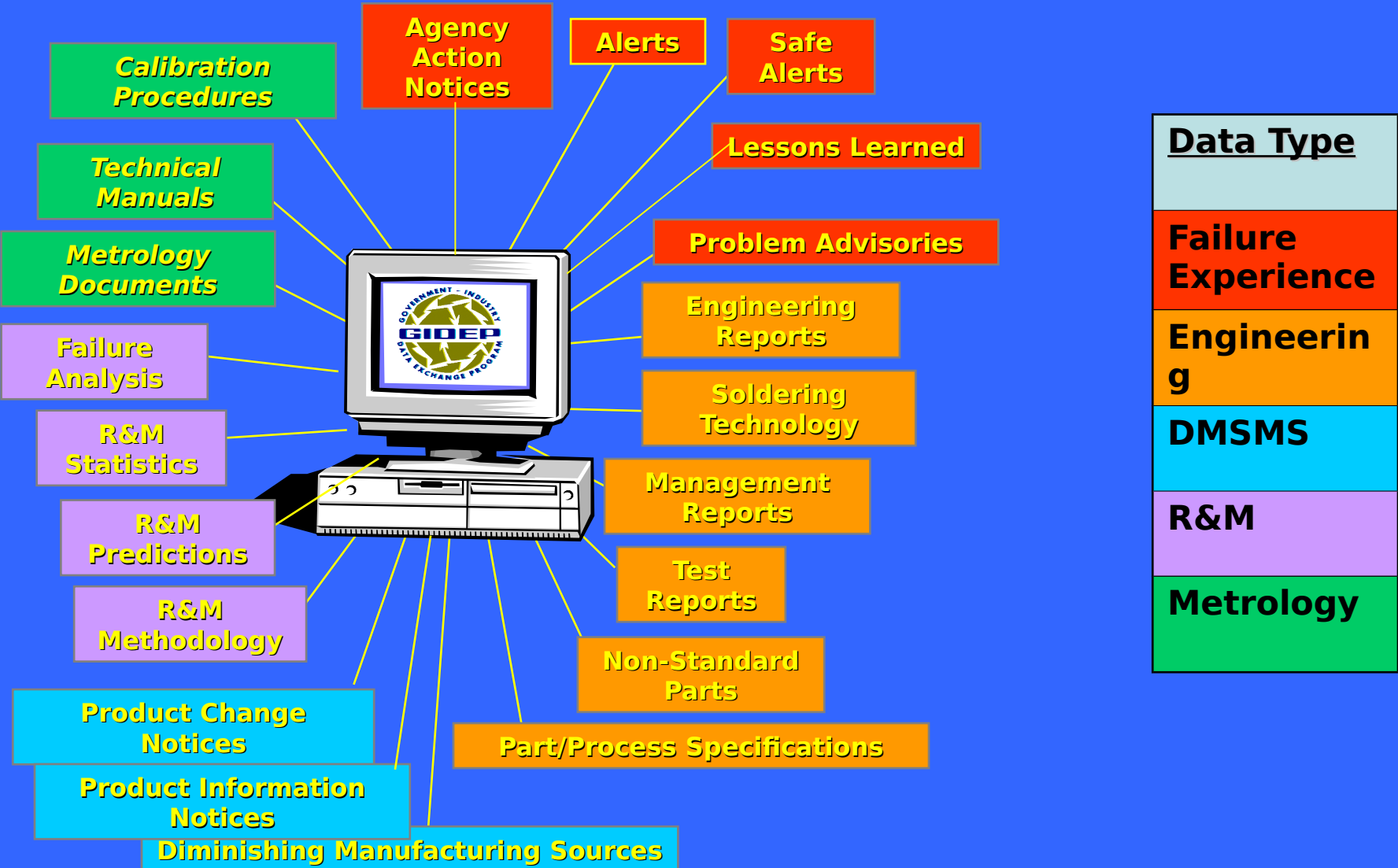
# **GIDEP Products and Services**





# Government Industry Data Exchange Program

# GIDEP Database





# Government Industry Data Exchange Program

# Failure Experience Data

- **Failure Experience Data (FED)**

FED reports are used to notify GIDEP participants about nonconforming parts, components, chemicals, processes, materials, specifications, test instrumentation, safety, and hazardous situations including health hazards. This data also includes failure analysis and problem information submitted by laboratories in support of problem descriptions, and actions taken/planned to correct the nonconformances. Lessons Learned reports shares useful accident prevention information. FED consists of *objective* data in five types of reports

- **FED Document Types**

**ALERTs** (AL) - Report problems with products/processes, which do not meet specifications. The reported nonconformances have a high probability of causing failure in the equipment/system in which the problems occur.

**SAFE-ALERTs** (SA) - Notify the GIDEP community of problems (nonconformances), which affect the safety of people or equipment and meet the same basic criteria as ALERTs.

**Problem Advisories** (PA) - Report nonconformances, which, unlike ALERTs, have a low probability of causing a functional failure. They do however, report problems with products/processes, which do not meet specifications. They can also be used as preliminary ALERTs where there is a suspected problem, which is not completely defined due to lack of data.

**Agency Action Notices** (AN) - Issued by government agencies to report problems with products or processes. Unlike ALERTs, SAFE-ALERTs, and Problem Advisories; Agency Action Notices do not include problem solutions or manufacturers' corrective actions, but they do document the occurrence of a problem. In some cases, notices may have a limited distribution.

**Lessons Learned** (LL) - Issued by participating government agencies and industry activities. A Lesson Learned document describes a good work practice or innovative approach that is captured and shared to promote repeat application. A Lesson Learned may also be an adverse work practice or experience that is captured and shared to avoid



# Government Industry Data Exchange Program

# Failure Experience Data

## Example

**Title: SILICONES, HIGH TEMPERATURE SILICONE RUBBER**

### **Abstract:**

A Space Systems Company (SSC) subcontractor has identified premature curing of the base compound of General Electric (GE) Advanced Products, Silicones Products Division, high temperature silicone rubber compound RTV60. Mixed material using base that appeared to be acceptable exhibited less than required pot life during normal lot certification prior to use. Replacement base material was ordered and contained clumping and partial curing as received. The lots identified to date in use by the subcontractor are:

1. Lot 05G035, Manufacture Date 08/11/05
2. Lot 04G023, Manufacture Date 10/14/04
3. Lot 04B015, Manufacture Date 03/25/04.

The subcontractor has been working with GE Silicones on the problem. GE Silicones agrees with the findings and has identified a contaminate that was being introduced by worn mixing equipment during the production process. The contaminate is acting as a catalyst to the base product. At this time GE Silicones recommends considering all RTV60 product as suspect until further investigation can determine contamination start/stop dates. GE Silicones is also conducting material properties testing to determine if product that may have been workable is adversely affected by the contaminate in the cured condition; the testing is expected to be completed by mid-January 2006.

### **ACTION TAKEN/PLANNED**

The mixing equipment is being repaired by GE Silicones. GE Silicones is currently mixing small batches of various products to allow end users to continue production.

#### Preventive Action

Viscosity and pot life testing should be performed at a minimum prior to using the product. Verification of effect on the cured product properties will not be completed by GE Silicones until mid-January 2006. Programs should individually evaluate usage and assess potential impact.

GE Silicones has reported that the worn mixing equipment was also used for RTV560, RTV88 and RTV31. GE Silicones is investigating other possible RTV products that may have been mixed on this equipment. Products known to have not been mixed with this equipment include RTV102, RTV142, RTV162, RTV167, RTV41, RTV615, RTV630 and RTV664.



# Engineering Data

- **ENGINEERING DATA**

Engineering Data reports contain technical information on research materials, quality assessment, engineering test, evaluation and qualification test, nonstandard parts, parts and materials specifications, manufacturing, design, process controls, solderability data and other related engineering data on parts, components, materials and processes. Reports pertain to military applications and commercial applications.

- **Report Categories**

Since this data covers a wide span of topics crossing over many professional occupations, it is broken into seven categories:

- Engineering Reports (ER),
- Management Reports (MR),
- Test Reports (TR),
- Nonstandard Parts Data (NP),
- Process Specifications (PS),
- Soldering Technology (STL),
- Computer Technology Document (CTD).



# Engineering Data Example

## **Title: SURGE CURRENT TESTING OF RESIN DIPPED**

**Abstract:** The increasing industry awareness of lead-free activities has prompted users and suppliers to investigate lead-free solder systems in detail. If intermetallics grow to sufficient thickness, fracture can occur during handling, shipping or service. This problem has been studied in detail for the tin-lead solder system, but it is not well understood for other candidate lead-free solders.

▪  
**Benefit:** With some of this information, EFW was able to issue a Safety Advisory to our customer, Lockheed Martin, about a tantalum MgO<sub>2</sub> capacitor, which when over stressed, burned up, and it was used near a fuel tank for military aircraft. Cost Avoidance \$100K for that program.



# Reliability & Maintainability Data

- **RELIABILITY AND MAINTAINABILITY (R&M) DATA**

R&M contains reports on theories, methods, techniques and procedures related to reliability and maintainability practices. This also includes failure rate, failure mode and replacement rate data on parts and subsystems based upon field performance and demonstration tests of equipment, subsystems and systems. In addition to electronics, the database also includes R&M information on mechanical, electro-mechanical, hydraulic and pneumatic items.

- **R&M Document Types**

The GIDEP R&M Data consists of documents and reports on the reliability-maintainability theories and methods. It also includes R&M information on parts, subsystems and systems based on operational field performance data, accelerated laboratory life testing, and R&M demonstration tests. R&M Data is divided into four categories:

- **R&M Methodologies** (RM)
- **R&M Statistics** (RS)
- **R&M Predictions** (RP)
- **Failure Analysis Reports** (FA)



# Reliability & Maintainability Data Example

### **Title: GEB2: REDUCING THE RISK OF TIN WHISKER-INDUCED FAILURES IN ELECTRONIC EQUIPMENT**

- **Abstract:** The G-12 Solid State Device Committee of the Government Electronics & Information Technology Association (GEIA) developed EIA Engineering Bulletin GEB2, Reducing the Risk of Tin Whisker-Induced Failures in Electronic Equipment. This guideline includes various findings of government and industry experts regarding characteristics of tin whiskers and methods to mitigate future risks associated with them.
- **Benefits:** *Implemented changes in plating process to eliminate possible tin-whisker induced failures. Cost Avoidance \$100K for USAF*



# Government Industry Data Exchange Program

# Metrology Data

- **METROLOGY DATA**

Metrology documents contain **calibration procedures** and **technical manuals** for test and inspection equipment. It also contains engineering information on calibration laboratories, calibration systems and measurement systems. National Institute of Standards and Technology (NIST) contributes a significant portion of the engineering data related to measurement science.

GIDEP Metrology Data is information provided by participants from industry, government organizations, and professional groups of the metrology community.

**Metrology DVD** - Calibration procedures and technical manuals are provided to GIDEP Members in DVD format.

GIDEP does not contain classified, copyright (without a release), or proprietary data.





# Metrology Data Example

Title: 3.5MM CALIBRATION KIT; HP 85033D; HEWLETT-PACKARD

Abstract: This procedure describes the combined "I" level maintenance check/calibration procedure for the Utah Research and Development Co. nbc-1 and nbc-1a (p/n 371as201-1) alkaline battery chargers/analyzers.

Benefit: When questions were raised about the serviceability of this equipment, we were able to locate the tech manual on the GIDEP system and quickly resolve the issue. If we had to go through the normal procurement channels to purchase a manual, it would delay the program several weeks. Cost Avoidance = \$3K for NASA Space Station



# DMSMS

## DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES

- **Diminishing Manufacturing Sources and Material Shortages (DMSMS)**

**DMSMS notices** originate when a part manufacturer announces that a part or a production line will be discontinued. The majority of GIDEP DMSMS notices have been issued on piece parts, especially in the electronics area (primary microcircuits); however, DMSMS also occurs at the module, component, equipment, or other system indenture level.

GIDEP is designated as the Department of Defense centralized database for managing and disseminating DMSMS information. The database contains data for not only parts manufactured in accordance with military or government specification but also commercial parts.

GIDEP is working closely with different government activities on several DMSMS projects that will eventually be migrated to GIDEP system.

Among these projects are:

- DoD DMSMS Knowledge Sharing Portal ( DKSP)

- DMS Shared Data Warehouse

- DMSMS Prediction Tool

- Army DMS Info System

Migration of these systems into GIDEP WILL facilitate GIDEP's role as the central repository of data for DMS management.



## Government Industry Data Exchange Program

# DoD's DMSMS Database

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MAY 1 '95 15:05 FROM 036973428 PAGE.002

Office Of The Under Secretary of  
Defense

(I/MDM)

SUBJECT: The DoD's Diminishing Manufacturing  
Sources and Material Shortages Centralized Data  
Base

Material Shortages Centralized Data Base

DoD and industry are strongly affected by problems with  
diminishing manufacturing sources and material shortages.  
The Diminishing Manufacturing Sources and Material Shortages  
(DMSMS) Program manages these problems and enables the  
continued availability of parts and materials to maintain  
readiness of the Military Services to perform their  
missions.

In order to reduce redundancy caused by the myriad sources of information available to both government and industry and improve the effectiveness of the program, DoD has established **the Government-Industry Data Exchange Program (GIDEP)** as DoD's centralized data base for managing DMSMS information and sharing the information among DoD and industry groups.





# DMSMS Example

Title: **INTERSIL PRODUCT DISCONTINUANCE NOTIFICATION**

Abstract: **INTERSIL CORPORATION HAS NOTIFIED THE DEFENSE SUPPLY CENTER COLUMBUS (DSCC) AND ALL CUSTOMERS OF THE DISCONTINUANCE OF LISTED PART NUMBERS. PLEASE NOTIFY DSCC OF YOUR REQUIREMENTS BY AUGUST 13, 2004.**

Benefits:

**Intersil discontinued microcircuit P/N 5962-8601601QA. This part is used a total of thirty-three (33) times on four (4) CCAs on Joint STARS. We purchased a Life time buy to support the Joint STARS sustainment effort through the year 2030.**

**Cost Avoidance = \$122K for JSTARS**



# Urgent Data Requests

## • URGENT DATA REQUEST (UDR)

The UDR is a service to help participants quickly find information that they could not find by searching the GIDEP database and after exhausting all other possible sources. UDR is subdivided into two major categories: Source of Supply and Request for Information .

The **UDR-Source of Supply (SOS)** permits GIDEP members having part availability problems to rapidly query the GIDEP community for sources of supply.

The **UDR-Request for Information (RFI)** permits GIDEP members having technical problems to rapidly query the GIDEP community for technical data or other information regarding a specific product or service.

Both types of UDRs are entered into the GIDEP database and immediately emailed to all interested participants. Responses are provided directly to the member originating the request and are stored with the associated request for future reference by other members.



# Government Industry Data Exchange Program

## Urgent Data Requests

Address <http://members.gidep.org/data/udr/udr.htm>

GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (GIDEP)

[SEARCH](#) [SITE MAP](#) [CONTACT US](#)

[Home](#) | [Products & Services](#) | [Data](#) | [Events](#) | [Hot Sites](#) | [Management](#) | [About Us](#)



**WARNING!** This "Official Business" site is for **GIDEP Members only**.  
Visitors to this US Government site are subject to [monitoring](#).

## Urgent Data Requests

other DATA SITES

[Failure Experience](#) | [DMSMS](#) | [Engineering](#) | [Metrology](#)  
[Product Info](#) | [R&M](#) | [UDR](#) | [Utilization](#)

[Submit UDR](#)

### PURPOSE

**Urgent Data Request (UDR)** is a service to help participants quickly find information that they could not find by searching the GIDEP database. GIDEP members may submit a formal request using the UDR form or the On-line UDR System for either source of supply information for a part, or for technical or other information regarding a specific product or service.

The **UDR-Source of Supply (SOS)** permits GIDEP members having part availability problems to rapidly query the GIDEP community for sources of supply after the requestor has exhausted all of the possible sources.

The **UDR-Request for Information (RFI)** permits GIDEP members having technical problems to rapidly query the GIDEP community for data and other information after the requestor has exhausted all of the possible sources.

### WHO CAN SUBMIT

All GIDEP Representatives and Users (with notification to Representative) can submit a UDR. How to [submit data](#).

### DISTRIBUTION

UDRs are distributed to GIDEP participants via:

- [Push mail](#) (by request)
- GIDEP Database
- GIDEP web site
- "Official Business" site

### UDR RELATED

[Open RFI](#)  
[Open SOS](#)

### [How to Submit](#)

↳ [On-Line](#) (see above)  
↳ [Quick Start Guide](#)  
↳ [Forms](#)

### [Operations Manual](#)

↳ [Chapter 10](#)

### [Success Stories](#)

[Award Winners](#)  
[Sample AURs](#)  
[Database Access](#)  
↳ [Enter NOW](#)

### UDR Coordinator

Gwendelyn Nguyen  
[E-mail](#)

MEMBERSHIP AVAILABLE TO

[➔ Open RFI](#) - [➔ Open SOS](#)



# Benefits of UDRs

- Tool to locate information.
- Tool to locate sources for service and discontinued parts.
- Allow vendors and suppliers to offer their products or services to fulfill request.
- Save administrative time and cost.



# Batch Match

GIDEP is continuing development on a part batch search routine that permits GIDEP participants to send part lists to us where they are stored and compared to the part identifiers in the GIDEP database.

(Part lists are protected so that only Operations Center personnel will have access.)

Batch processing is only available to **registered** GIDEP participants.

### **CURRENT Capabilities**

Part Identifier comparison (Manufacturer, Government, Specification, Drawing, Model, Base and NSN)

Results based on "Exact" match search

Specify data types of interest (e.g. DMSMS, Alerts, Reliability, etc.)

Part input stored at Op Center for re-runs and modifications/updates

Auto-batching (nightly - **by Request only**) as new documents loaded

Results via e-mail

### **FUTURE CAPABILITIES**

"Fuzzy" search returns parts similar to input

User Interface through the WWW

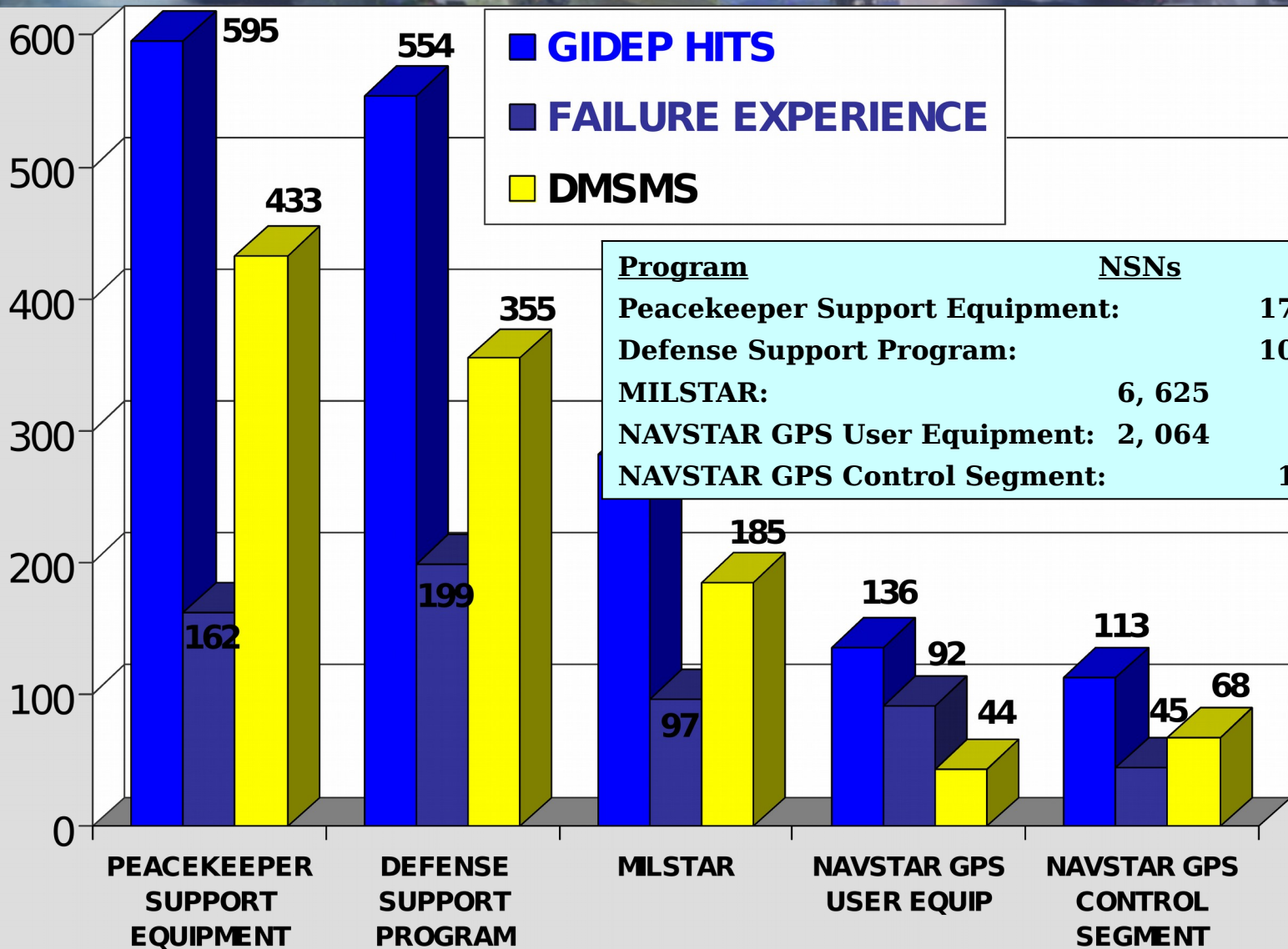


# Batch Match

- Customer provides P/N lists or bill of materials and they are matched to P/Ns in the GIDEP database using a Batch process.
- Primary use is looking for DMSMS or Failure part information.
- Some programs using Batch Match are:
  - Joint Strike Fighter
  - Space Shuttle
  - C 17
  - Ground Theater Air Control Systems (GTACS)



# Sample Query for Air Force Programs



<u>Program</u>	<u>NSNs</u>
Peacekeeper Support Equipment:	17,907
Defense Support Program:	10,322
MILSTAR:	6,625
NAVSTAR GPS User Equipment:	2,064
NAVSTAR GPS Control Segment:	1,875



# Government Industry Data Exchange Program

# GIDEP Weekly Summaries and

# Parts Lists

- You are receiving this GIDEP Push Mail message according to your registration for Weekly Summaries and Listings. To unsubscribe, please use the on-line forms at [GIDEP Weekly Push Email Services](#) and uncheck selections for these lists. You can also contact the GIDEP Help Desk at 951.898.3207, or by email at [roster@giddep.org](mailto:roster@giddep.org) and request to be removed from the list. GIDEP is a cooperative activity between government and industry participants seeking to reduce or eliminate expenditures of resources by sharing technical information essential during research, design, development, production and operational phases of the life cycle of systems, facilities and equipment. Click on the links below for GIDEP's latest ...
- [Parts List](#)
- [Delimited List](#)
- [R&M Summary](#)
- [Engineering Summary](#)
- [Failure Summary](#)
- [Metrology Summary](#)
- [Prod. Info. Summary](#)
- **Alternative, XML-based versions of the above web pages**
- Older, archived GIDEP Pushed Summaries and Parts Listings can be found [here](#)
- [Links are provided in lieu of voluminous emailings.]



# GIDEP Hosted Applications

- **CIES** – Community Information Exchange System
- **DKSP** - DMSMS Knowledge Sharing Portal
- **SDW** – Shared Data Warehouse
  - Navy Module
  - GIDEP M/P Module
  - ODR Obsolescence Data Repository
- **ModePro** – Navy Managed Obsolence Data Enterprise – Proactive
- **ATOM** – Armey Tracking and Obsolence Management System



# GIDEP Cost Avoidance

- **PURPOSE**

The purpose of Cost Avoidance Reporting is to document the Benefits, Impacts, and Usage of Cost Avoidance GIDEP information along with the Prevention of Unplanned Expenditures (PUE) accrued as a result of using information obtained from GIDEP. Chapter 5, Utilization Reporting, defines policy, definitions and reporting procedures related to Utilization Reporting.

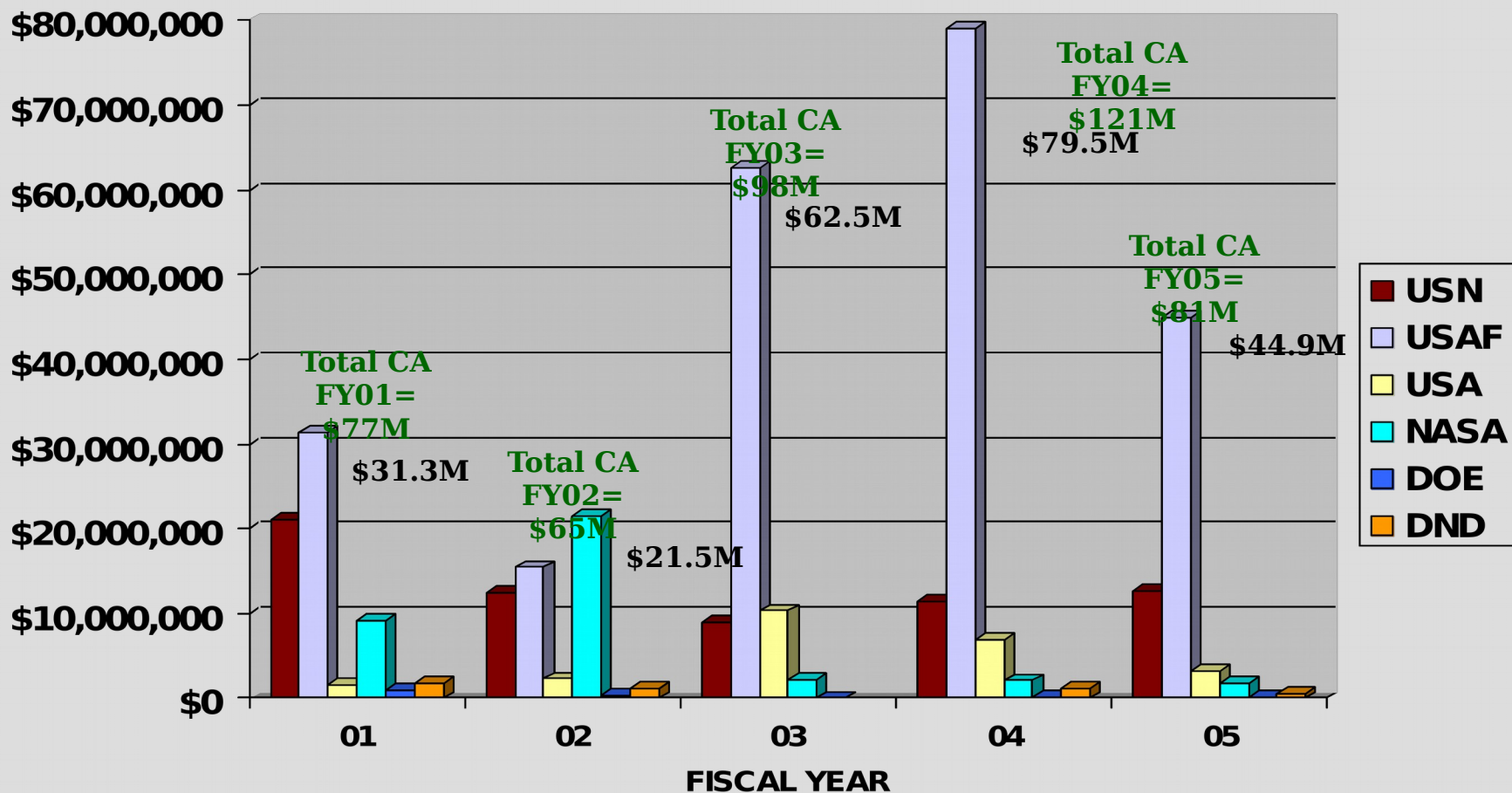
- **POLICY**

It is the policy of the Joint Logistics Commanders (**JLC**), the GIDEP Program Manager and the funding sponsors that each government and industry participant shall report the benefits of unplanned expenditures on an annual basis at a minimum. Reports must be filed with the GIDEP Operations Center each fiscal year (1 October - 30 September).



# Cost Avoidance FY01 - FY05

## \$1.9 Billion Cost Avoidance since '64





# Government Industry Data Exchange Program

## Top Ten Government FY-2005 Cost Avoidance

Reporter	PC	Cost
DCMA Lockheed Martin Los Angeles	XD9	\$7,800,000
DCMA Lockheed Martin Fort Worth	XD6	\$2,057,500
ARMY Tank Automotive & Armaments CMD	A03	\$1,685,410
Air Force OO-ALC/LHJ	QR5	\$1,572,000
Naval Surface Warfare Center	GB7	\$663,000
Army RDECOM	WP2	\$582,240
Warner Robins Air Logistics Center	WR	\$455,500
Army TMDE Support Center Aberdeen Proving Ground	HC	\$376,264
Air Force WR-ALC/LEACB	WR2	\$211,700
Dept of Natl Defence	AS2	\$200,000



# Government Industry Data Exchange Program

## Top Ten Industry FY-2005

### Cost Avoidance

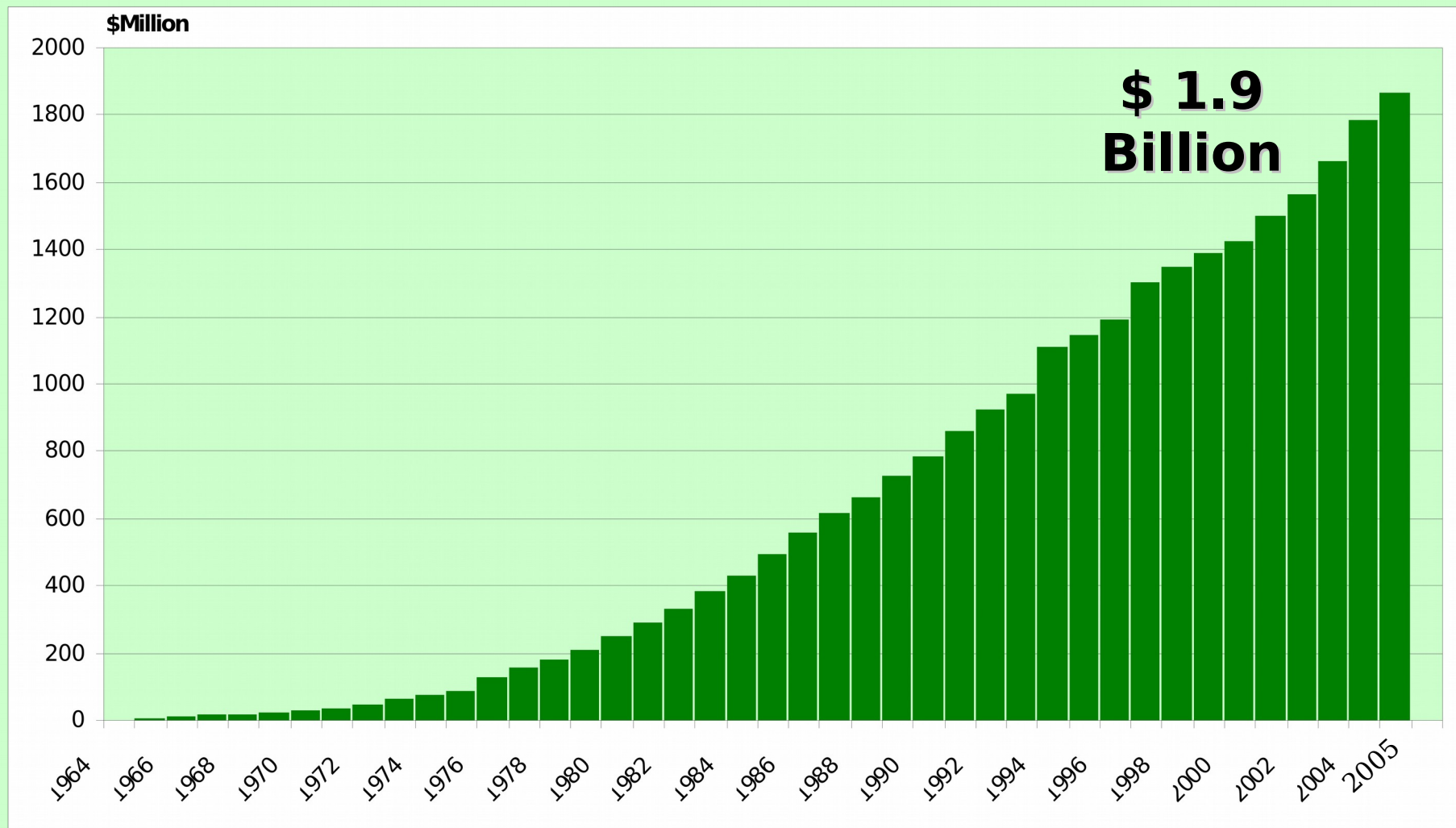
Reporter	PC	Cost
Advanced Technology Solutions Inc.	DW3	\$25,478,159
Jorge Scientific Corp.	JR8	\$19,136,110
Honeywell, Inc	R1	\$3,342,500
Raytheon	T5	\$1,730,000
BAE Sys Information & Electronics Sys Integration	J5	\$1,196,800
Raytheon	R4	\$1,008,775
Frequency Electronics, Inc.	FL4	\$1,000,000
EMS Technologies Inc.	ID5	\$730,000
L-3 Communications, Space and Navigation	NB4	\$582,867
L-3 Communication, Systems-East	F8	\$552,500



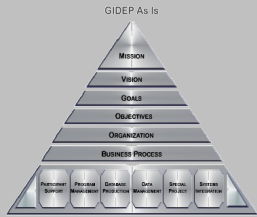


# Government Industry Data Exchange Program

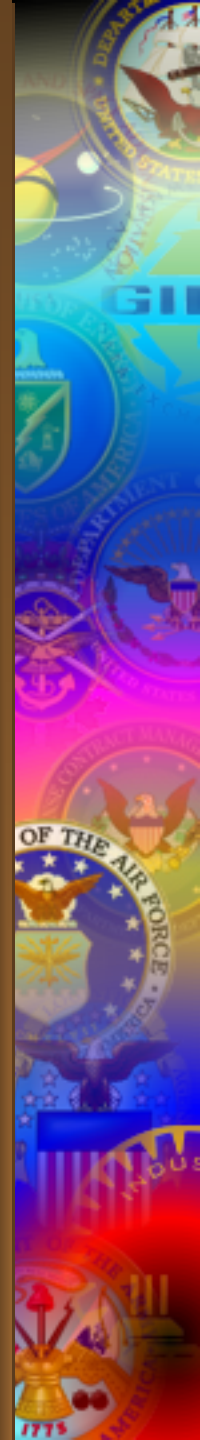
## Cumulative Prevented Expenditures



# GIDEP THE NEXT GENERATION

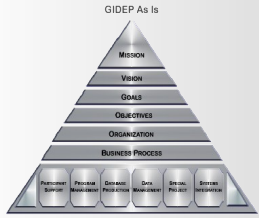


# CONCEPT OF OPERATIONS 2007

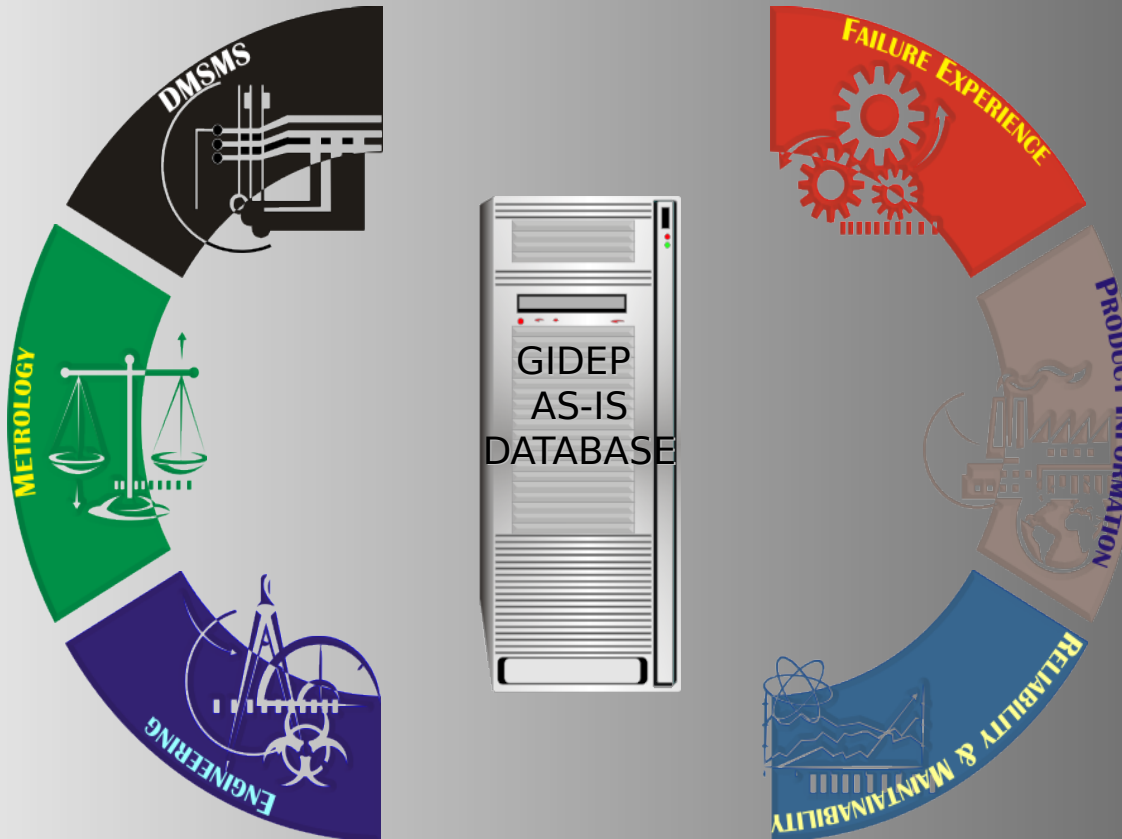


# GIDEP THE NEXT GENERATION

## Concept of Operations

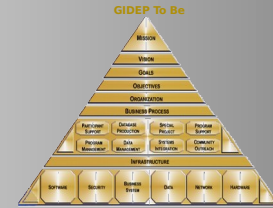


### DATA TYPES

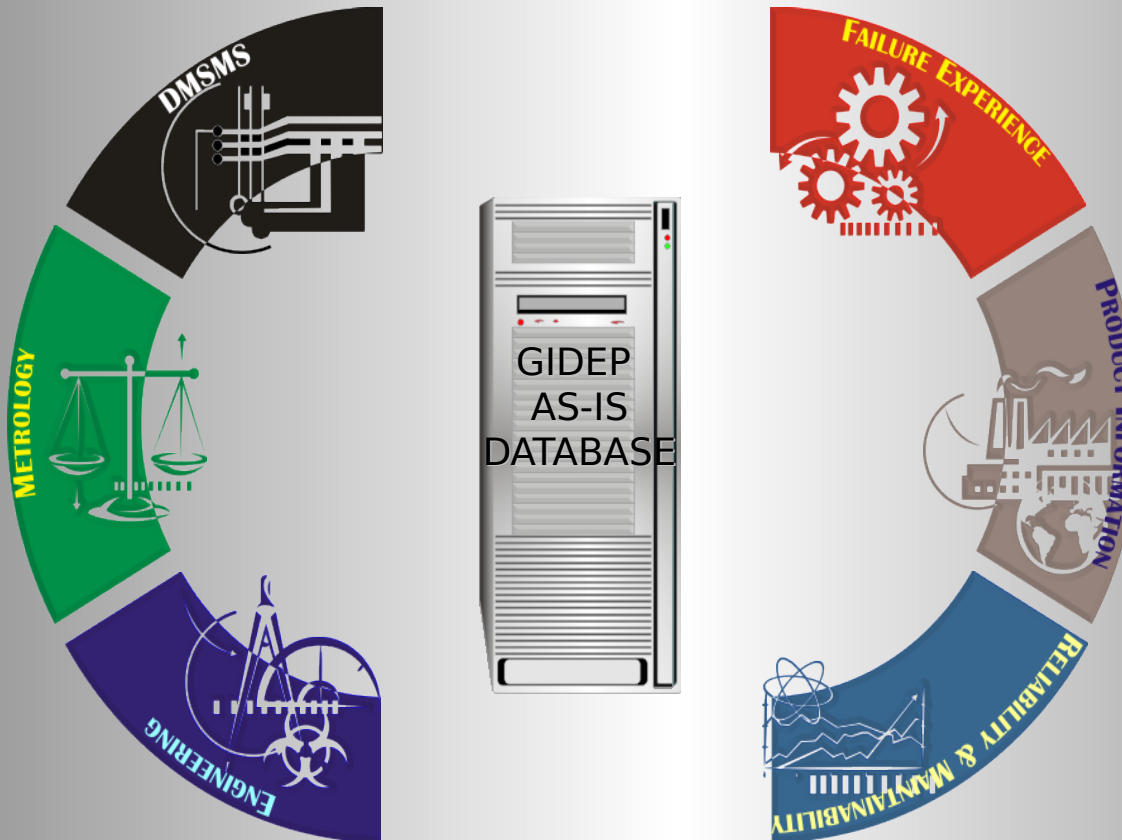


# GIDEP THE NEXT GENERATION

## Concept of Operations

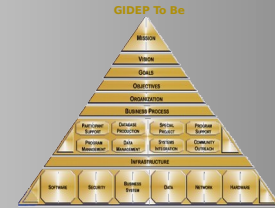


### DATA TYPES



# GIDEP THE NEXT GENERATION

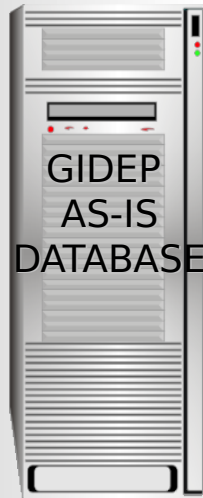
## Concept of Operations



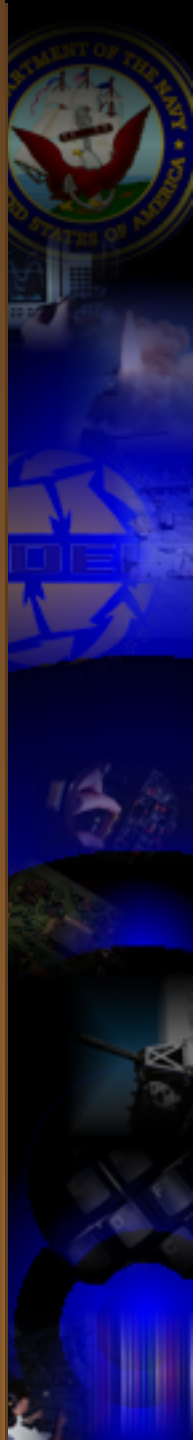
### DATA SOURCES



GIDEP Members



Data Mining

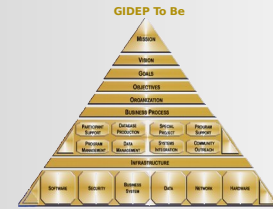
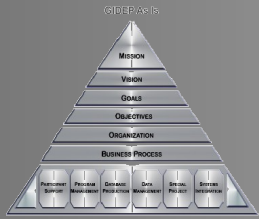


# GIDEP THE NEXT GENERATION

## Concept of Operations

Additional Data Sources

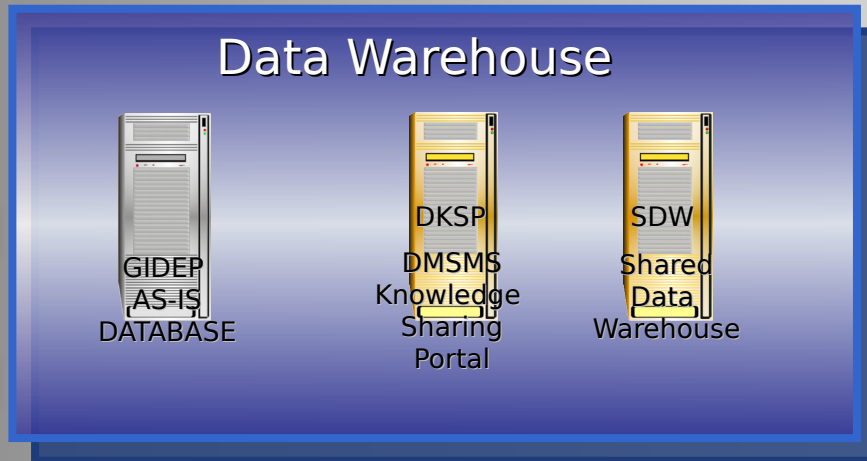
Hosted Applications



GIDEP Members



Data Mining

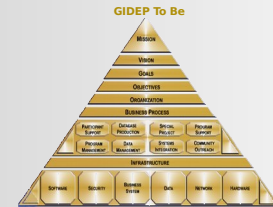


# GIDEP THE NEXT GENERATION

## Concept of Operations

Additional Data Sources

Original Equipment  
Manufacturers



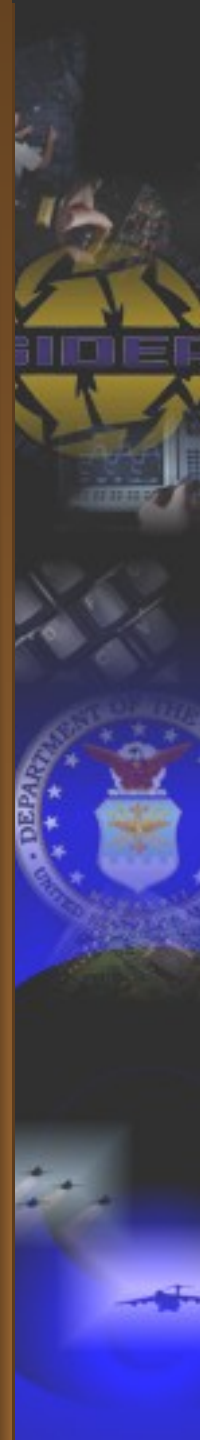
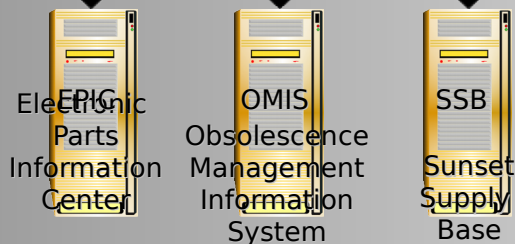
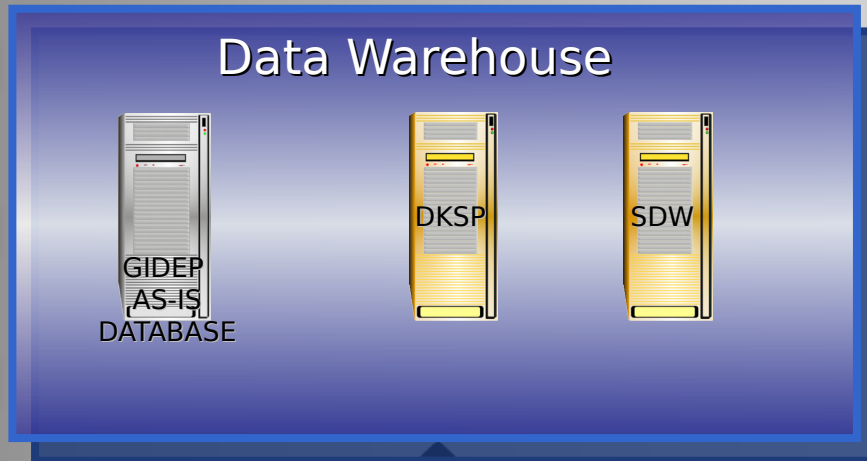
OEMS



GIDEP Members

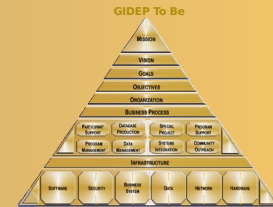


Data Mining



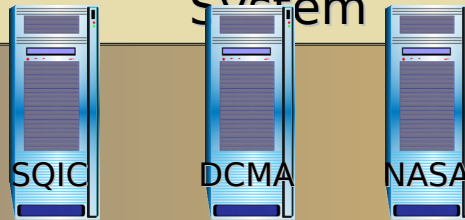
# GIDEP THE NEXT GENERATION

## Concept of Operations



Additional Data Sources

Community Information Exchange System



OEMS



GIDEP Members



Data Mining



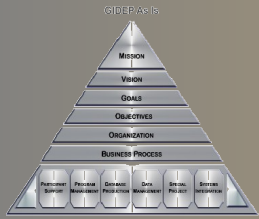
Data Warehouse





# GIDEP THE NEXT GENERATION

## Concept of Operations

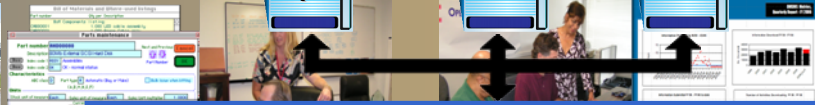


Operations

Information Technology



OEMS



Data Warehouse



GIDEP Members

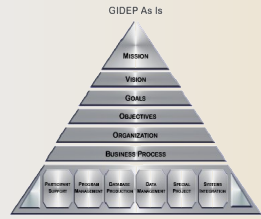


Data Mining



Information Technology



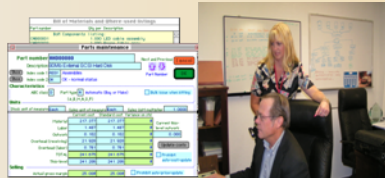


# GIDEP THE NEXT GENERATION

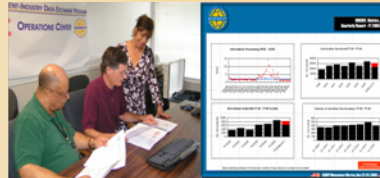
## Concept of Operations



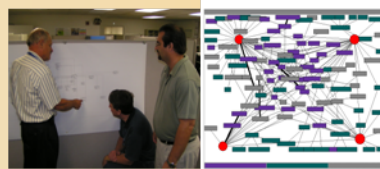
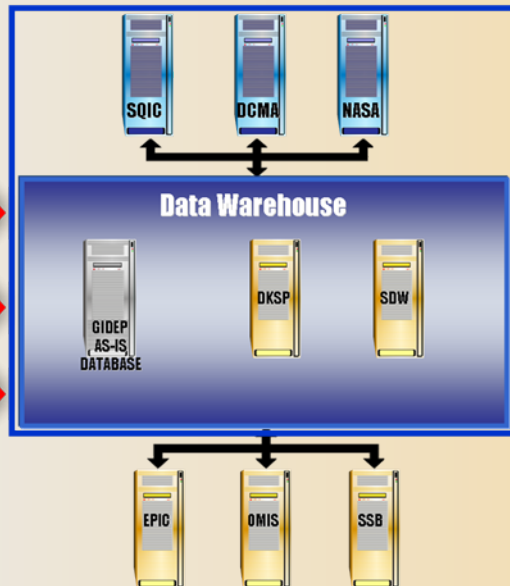
### Operations



**Data Management**



**Data Analysis**

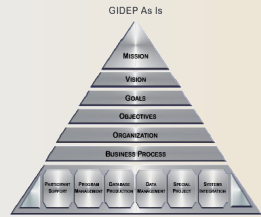


**Research and Development**



**Information Technology**



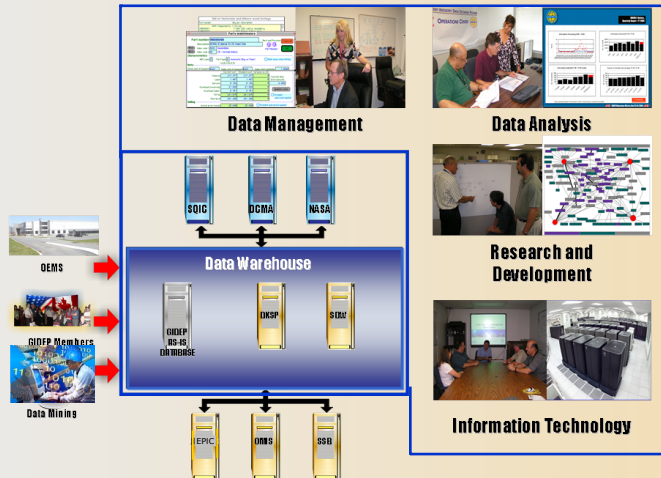


# GIDEP THE NEXT GENERATION

## Concept of Operations



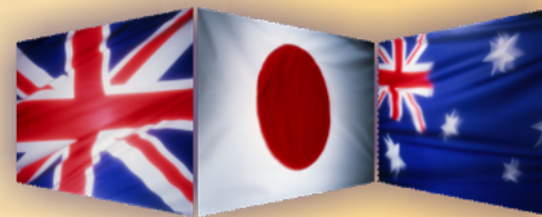
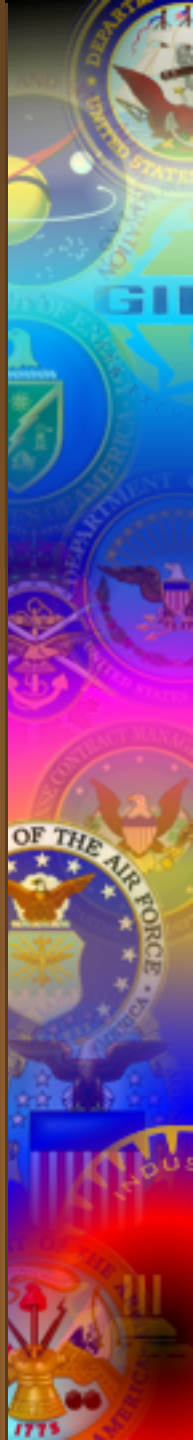
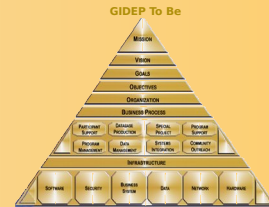
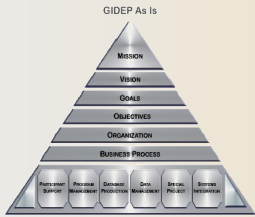
Customer Relations Management  
Customer Liaison



# GIDEP THE NEXT GENERATION

## Concept of Operations

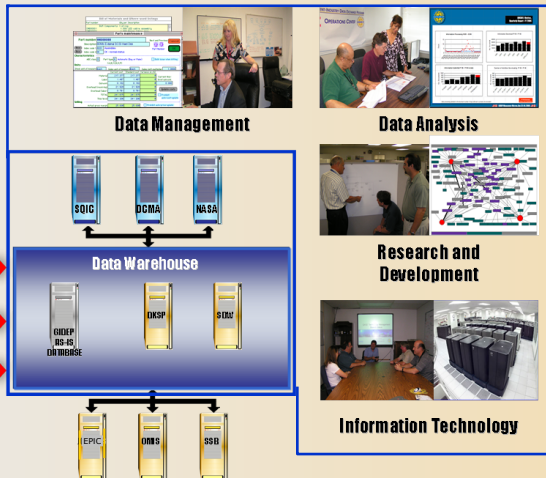
Customer Relations Management  
Interoperability



**Interoperability**



**Interoperability**

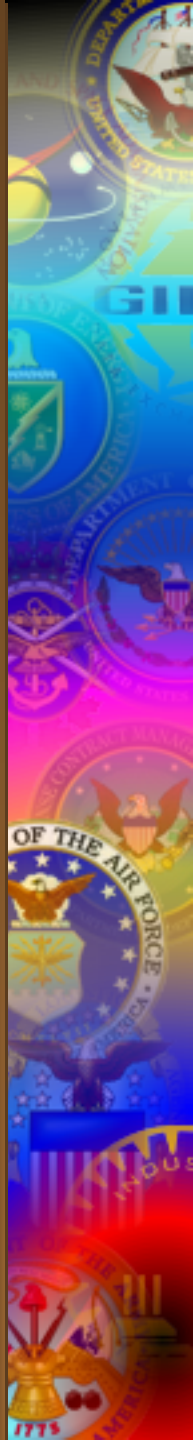
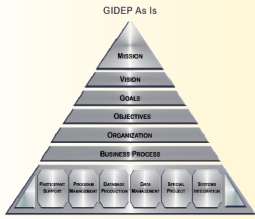


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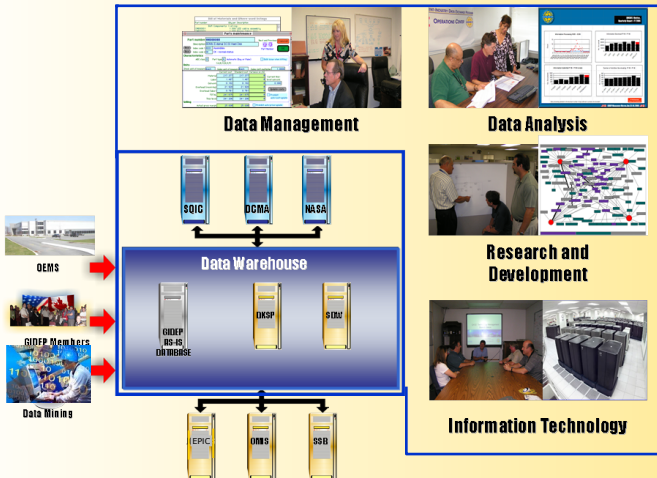
## Concept of Operations

Customer Relations Management

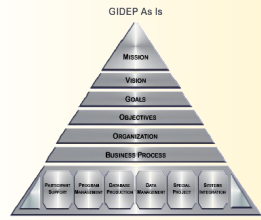
Community Outreach



Conferences



Conference  
s

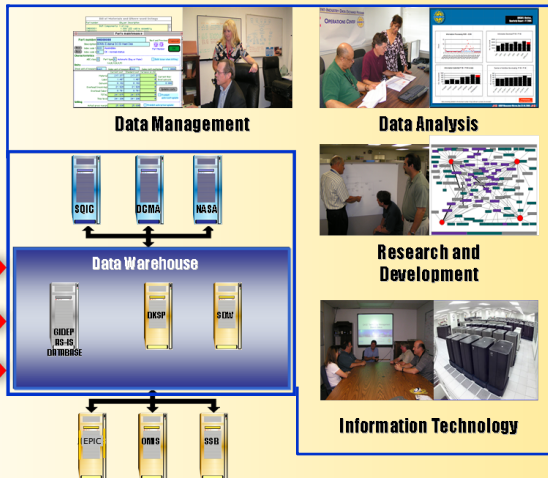


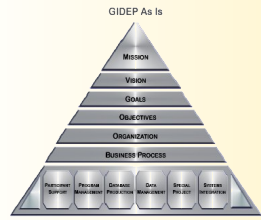
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# Concept of Operations

Customer Relations Management

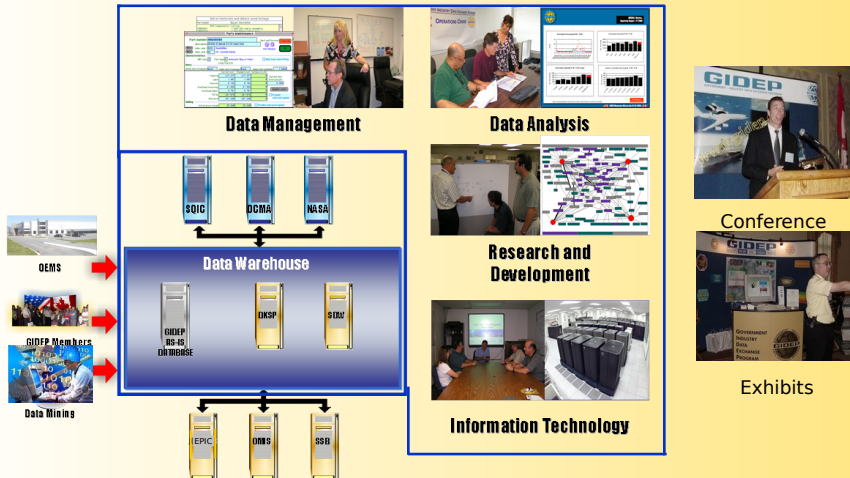
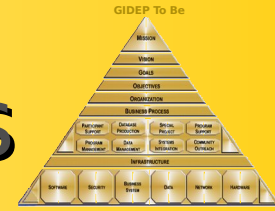
Community Outreach

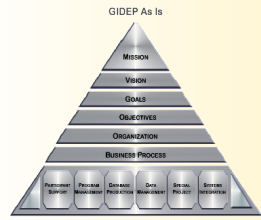




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## Concept of Operations

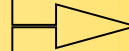
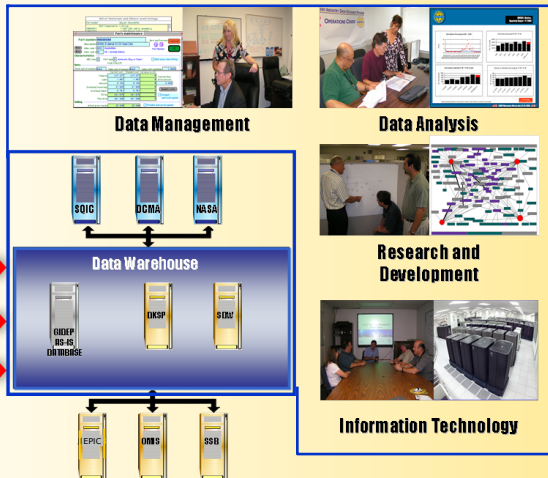
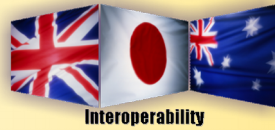




# GIDEP THE NEXT GENERATION

## Concept of Operations

Products & Services

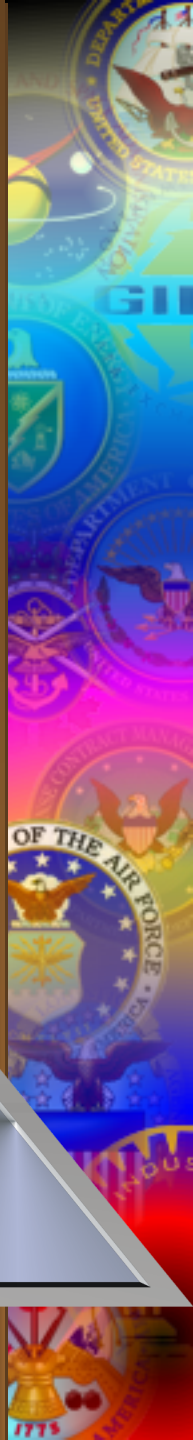
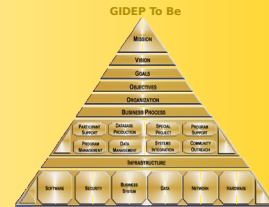
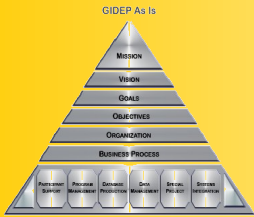




# *GIDEP* THE NEXT GENERATION

## Concept of Operations

Product & Services  
Current Products



<b>Lessons Learned</b>	<b>Problem Advisories</b>	<b>Agency Action Notices</b>
<b>Safe ALERTS</b>	<b>ALERTS</b>	<b>Non-Standard Parts</b>
<b>Product Change Notices</b>	<b>Process Specifications</b>	<b>General Metrology</b>
<b>Product Information Notices</b>	<b>Test Reports</b>	<b>Failure Analysis</b>
<b>Management Reports</b>	<b>Computer Technology</b>	<b>Reliability Predictions</b>
<b>DMSMS Notices</b>	<b>Calibration Procedures</b>	<b>Reliability Statistics</b>
<b>Engineering Reports</b>	<b>Technical Manuals</b>	<b>Reliability Methodology</b>

Data Mining

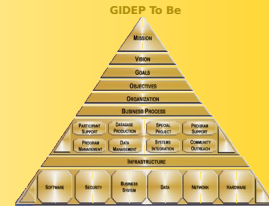
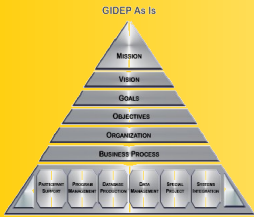


Information Technology

# *GIDEP* THE NEXT GENERATION

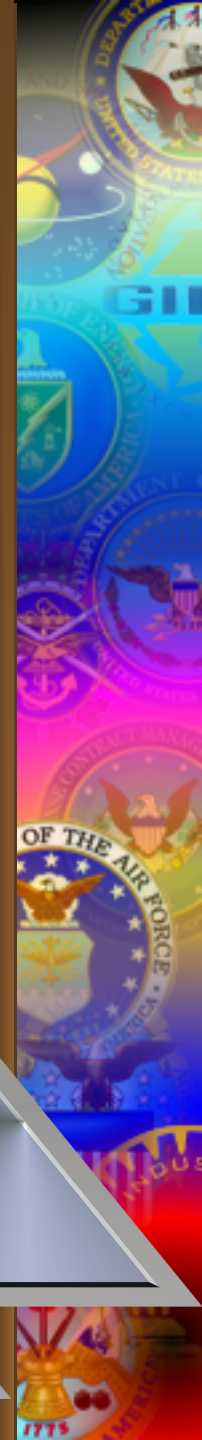
## Concept of Operations

Product & Services  
Current Products



<b>Lessons Learned</b>	<b>Problem Advisories</b>	<b>Agency Action Notices</b>
<b>Safe ALERTS</b>	<b>ALERTS</b>	<b>Non-Standard Parts</b>
<b>Product Change Notices</b>	<b>Process Specifications</b>	<b>General Metrology</b>
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<b>DMSMS Notices</b>	<b>Calibration Procedures</b>	<b>Reliability Statistics</b>
<b>Engineering Reports</b>	<b>Technical Manual</b>	

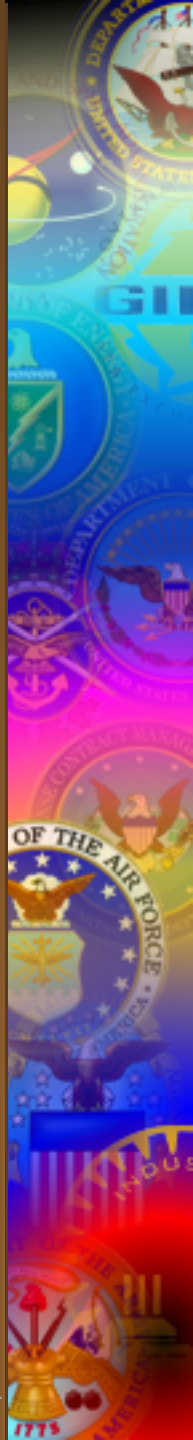
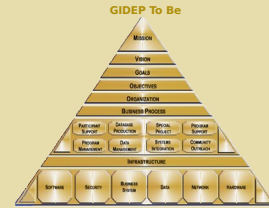
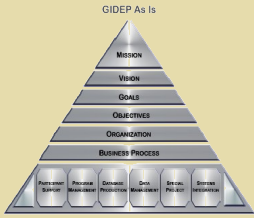
Lessons Learned	Problem Advisories	Agency Action Notices
Safe ALERTS	ALERTS	Non-Standard Parts
Product Change Notices	Process Specifications	General Metrology
Product Information Notices	Test Reports	Failure Analysis
Management Reports	Computer Technology	Reliability Predictions
DMSMS Notices	Calibration Procedures	Reliability Statistics
Engineering Reports	Technical Manuals	Reliability Methodology



# GIDEP THE NEXT GENERATION

## Concept of Operations

Product & Services  
Current Services



**UDR - Source of Supply**

**UDR - Request for Information**

**Push Mail**

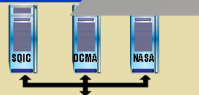
**Help Desk**

**Batch Match**

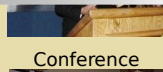
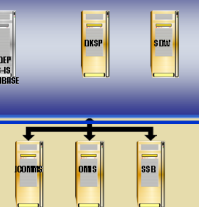
**Metrology DVD**

**Weekly News**

**Training**



**Data Warehouse**

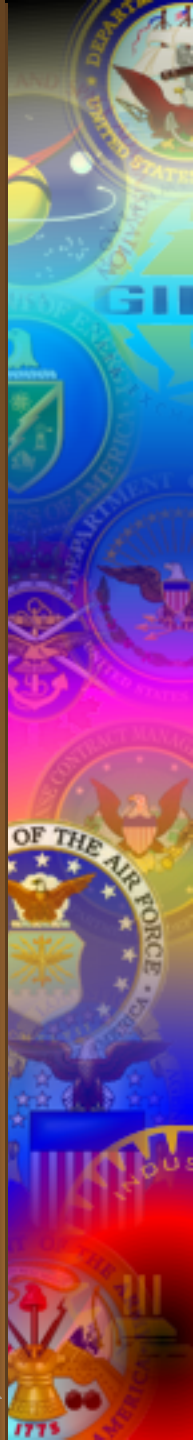
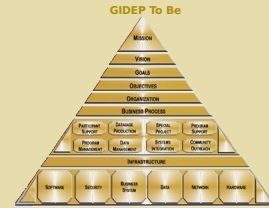
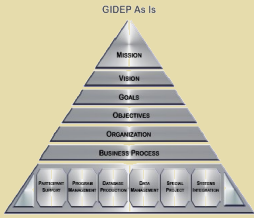


Lessons Learned	Problem Advisories	Agency Action Notices
Safe Alerts	Alerts	Non-Standard Parts
Product Change Notices	Process Specifications	General Metrology
Product Information Notices	Test Reports	Failure Analysis
Management Reports	Computer Technology	Reliability Predictions
DMSMS Notices	Calibration Procedures	Reliability Statistics
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# GIDEP THE NEXT GENERATION

## Concept of Operations

Product & Services  
Current Services



**UDR - Source of Supply**

**UDR - Request for Information**

**Push Mail**

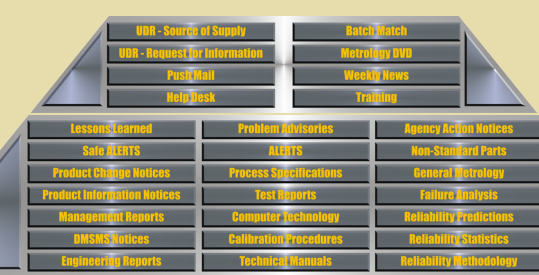
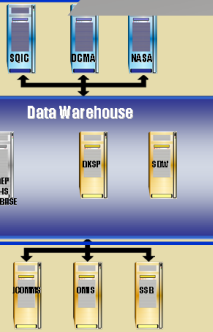
**Help Desk**

**Batch Match**

**Metrology DVD**

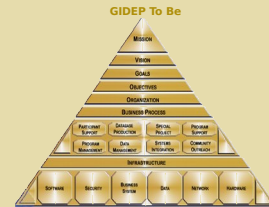
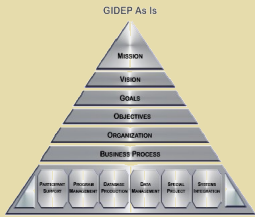
**Weekly News**

**Training**

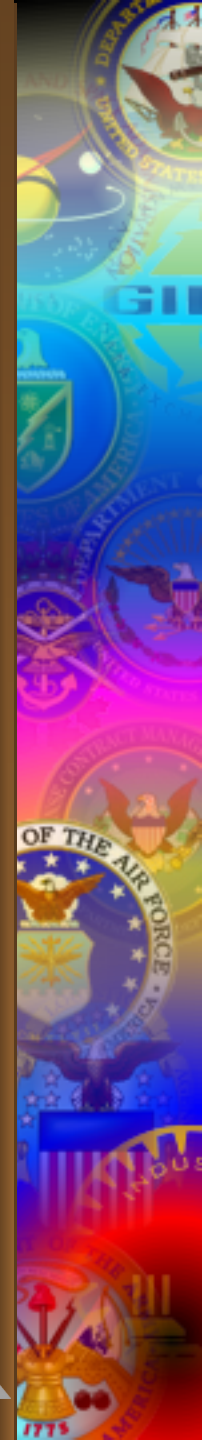
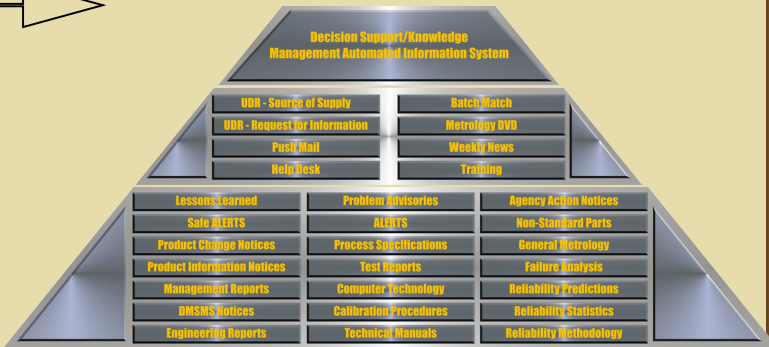
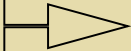


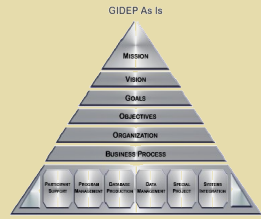
# GIDEP THE NEXT GENERATION

## Concept of Operations



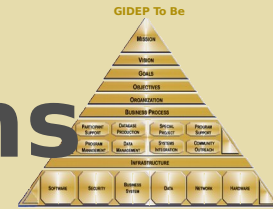
Decision Support/Knowledge Management  
Automated Information System





# GIDEP THE NEXT GENERATION

## Concept of Operations



GIDEP Members Portal
Members Home | My GIDEP | Preferences | Help | Log-Out

**Government-Industry Data Exchange Program**

WARNING: This US Government Portal is for GIDEP Members only and is subject to monitoring.

John Smith | Utilization Pts: 250  
Action Items: 8

Membership Policy - About Us - Access Requirements

### Utilization - Online Analysis

**Representative Overview:**

Fiscal Year:

SF7 User(s):

**Reported Benefits:**

Fiscal Year:

Grouped by:

Program:	Doc Count:	Prevented Exp:
XL-27	55	\$35,000.00
Strike 5	5	\$50,000.00
EBU	32	\$17,000.00

▶ 2005 GIDEP Annual Utilization Summary

### DMSMS Meetings & News

**DMSMS News:**

- ▶ Parts Obsolescence Best Practices
- ▶ Next DMSMS Working Group Meeting on 3 Oct 2005 in Long Beach, CA
- ▶ 40th GIDEP Workshop: Presentations, Photos and Award Winners
- ▶ Q-STAR Predictive Tool is Now Online

DMSMS Part numbers counts

Fiscal Year	No. of Parts	Cumulative
FY 97	20980	20980
FY 98	29661	50641
FY 99	26639	77280
FY 00	73677	150957
FY 01	43868	194825
FY 02	25901	220726
FY 03	24470	245196
FY 04	32776	277972

**DMSMS Meeting Minutes:**

- ▶ DMSMS Working Group Meeting - 21 Mar 2005
- ▶ XYZ Widget Coating Accepted by USJEKND
- ▶ Virtual Widgets: The Future of Widget Replacement Strategies

### Urgent Data Requests

**Open UDRs - Request for Information:**

- ▶ 1-MAR-2005
- ▶ 15-AUG-2005
- ▶ 22-APR-2005
- ▶ 18-AUG-2005
- ▶ 27-APR-2005
- ▶ 03-SEP-2005
- ▶ 20-JUN-2005
- ▶ 30-JUN-2005

**Open UDRs - Source of Supply:**

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- ▶ 15-AUG-2005
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### Metrology Top Documents

**09-SEP-05**

▶ Calibration Procedure for Wavetek 850 Multimeter  
This is a sample synopsis, which in reality would not make a lot of sense for a multimeter calibration procedure. However, if this were a different type of document, it actually might make sense.

**13-SEP-05**

▶ Kilogram Standard Deviation  
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**BOM Entry Instructions**

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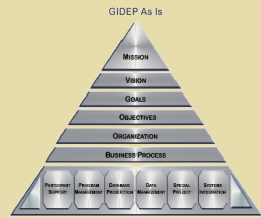
### Engineering - Doc Index

**Engineering Docs for September 2005:**

Date:	Doc Title:
07-SEP-05	Brake Caliper Repair Specifications for Space Shuttle Hauler
12-SEP-05	Mean-Time-Between-Failure Report for 400Mhz Front Side bus Double Data Rate Random Access Memory
21-SEP-05	Computer Software Reverse Engineering Best Practices Conference Minutes
23-SEP-05	IEEE Computer Society Annual Board of Directors Minutes
28-SEP-05	Alert - Rotary Drill bit does not meet rated strength specification when temperature spec is exceeded.

▶ Definitions...





# GIDEP THE NEXT GENERATION

# Concept of Operations



## My GIDEP

GIDEP Members Portal

[Members Home](#) | [My GIDEP](#) | [Preferences](#) | [Help](#) | [Log-Out](#)

WARNING:

Government-Industry Data Exchange Program

 John Smith | Utilization Pts: 250  
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- [30-JUN-2005](#)
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- [18-AUG-2005](#)
- [03-SEP-2005](#)

**Open UDRs - Source of Supply:**

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- [22-APR-2005](#)
- [27-APR-2005](#)
- [20-JUN-2005](#)
- [30-JUN-2005](#)
- [15-AUG-2005](#)
- [18-AUG-2005](#)

Submit New UDR

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**09-SEP-05**

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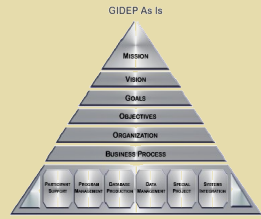
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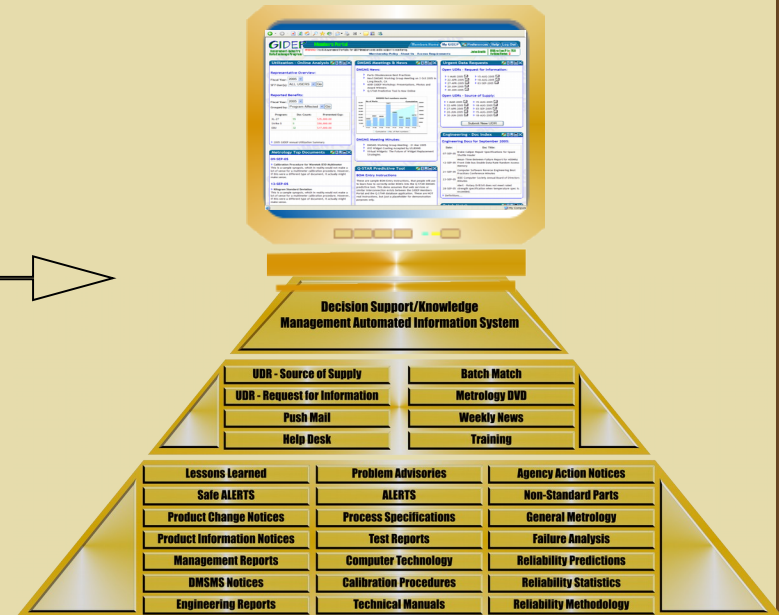
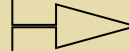
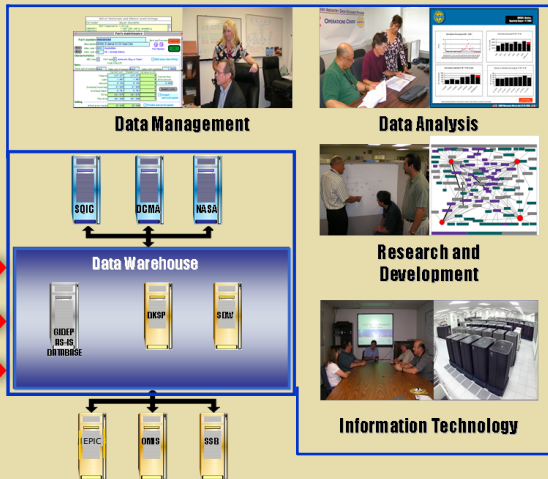
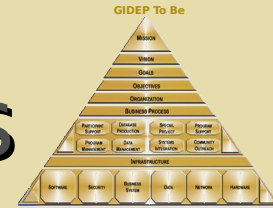
[Definitions...](#)

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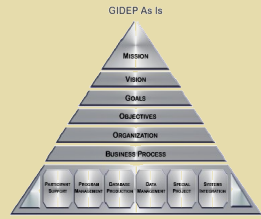


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## Concept of Operations

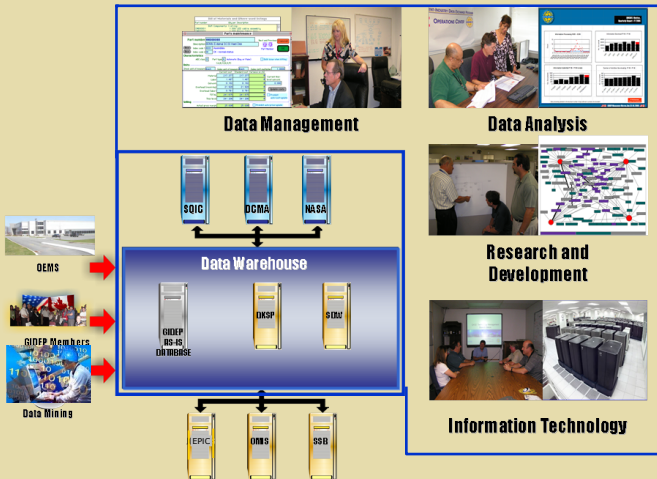
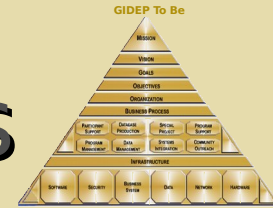






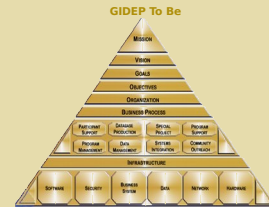
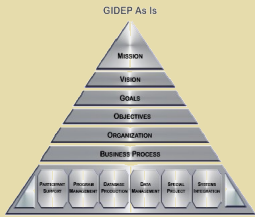
# GIDEP THE NEXT GENERATION

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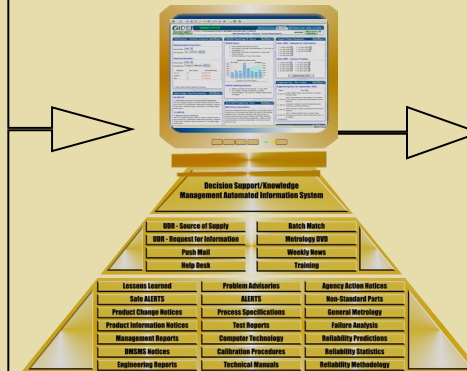
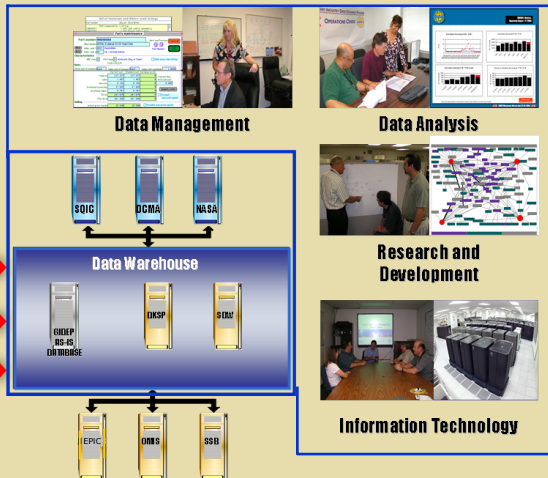
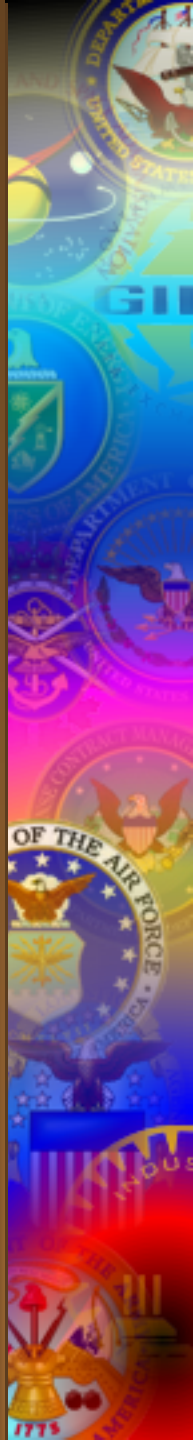


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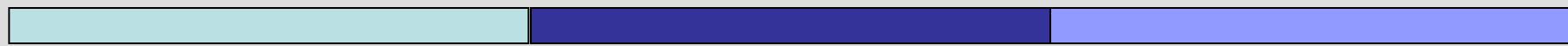
# Concept of Operations





# **QUESTIONS ?**

-- [www.gidep.org](http://www.gidep.org) --



# **THANK YOU**